

Recovery Plan Action Status

Plan Name: Recovery Plan for the Molokai Plant Cluster (16 spp.)

Plan Status: Final

Plan Date: 26-Sep-96

Lead Agency: USFWS

Lead Office: Pacific Islands Fish And Wildlife Office

(808)

792-9400)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
No common name (Phyllostegia hispida)	1	111	Collect, propagate, and maintain ex situ genetic stock of taxa facing imminent extinction	Not Started			Botanical Gardens, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service, Plant Extinction Prevention Program	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	1	112	Protect remaining wild individuals facing imminent extinction from immediate threats	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	1	12	Identify and map all extant wild populations	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Hawaii Biodiversity and Mapping Program, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service	Work type not yet selected	Labor type not yet selected	

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No common name (Phyllostegia hispida)	1	13	Delineate management units	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	1	14	Endure long-term protection of habitat	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	1	151	Construct and maintain fencing	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	2	1512	Evaluate the potential for controlling ungulates through eradication programs or establishment of game preserves	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service	Work type not yet selected	Labor type not yet selected	

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No common name (Phyllostegia hispida)	1	152	Conduct introduced plant control	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	1	153	Provide fire protection, if necessary	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	1	154	Control rodents, if necessary	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	1	155	Propagate and maintain genetic stock of P. hispida ex situ	Not Started			Botanical Gardens, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	1	156	Ensure availability of pollination vectors	Not Started			Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS	Work type not yet selected	Labor type not yet selected	

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No common name (Phyllostegia hispida)	1	157	Protect areas from human disturbance	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	1	158	Control insects and/or disease, if necessary	Not Started			The Nature Conservancy of Hawaii, Hawaii Department of Agriculture, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	1	159	Control all other threats	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	2	21	Select populations for expansion	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service, Plant Extinction Prevention Program	Work type not yet selected	Labor type not yet selected	

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No common name (Phyllostegia hispida)	2	22	Prepare sites and plant	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service, Plant Extinction Prevention Program	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	2	31	Collect diagnostic data on crucial associated ecosystem components	Not Started			Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Geological Survey, Biological Resources Discipline	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	2	32	Map alien vegetation	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, U.S. Geological Survey, Biological Resources Discipline	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	2	33	Study various aspects of growth	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, U.S. Geological Survey, Biological Resources Discipline	Work type not yet selected	Labor type not yet selected	

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No common name (Phyllostegia hispida)	2	34	Study reproductive viability	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, U.S. Geological Survey, Biological Resources Discipline	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	2	35	Determine parameters of viable populations	Not Started			Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, U.S. Geological Survey, Biological Resources Discipline	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	2	36	Determine effective control methods for insects and/or diseases, as needed	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, U.S. Geological Survey, Biological Resources Discipline	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	2	37	Evaluate results and use in future management	Not Started			Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS	Work type not yet selected	Labor type not yet selected	

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No common name (Phyllostegia hispida)	3	4	Develop and maintain long-term monitoring program	Not Started			Botanical Gardens, The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, National Park Service, Plant Extinction Prevention Program	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	3	51	Investigate feasibility and desirability of reintroduction, as needed	Not Started			Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, U.S. Geological Survey, Biological Resources Discipline	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	3	52	Develop and implement a plan for reestablishment of P. hispida	Not Started			Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, U.S. Geological Survey, Biological Resources Discipline, Plant Extinction Prevention Program	Work type not yet selected	Labor type not yet selected	
No common name (Phyllostegia hispida)	3	61	Determine number of populations and individuals needed for long-term survival	Not Started			Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, U.S. Geological Survey, Biological Resources Discipline	Work type not yet selected	Labor type not yet selected	

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No common name (Phyllostegia hispida)	3	62	Refine downlisting and delisting criteria	Not Started			The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Pacific Islands Fish and Wildlife Office, USFWS, U.S. Geological Survey, Biological Resources Discipline	Work type not yet selected	Labor type not yet selected	